

DSPIC33EP16GS502-I/MX



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Part Number: [DSPIC33EP16GS502-I/MX](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 16KB FLASH 28UQFN

Data sheet:  [dsPIC33EPxxGS50x Family](#)

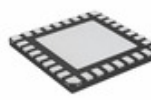
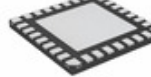
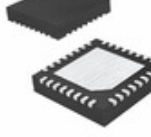
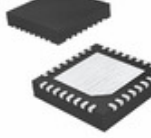
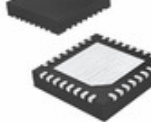
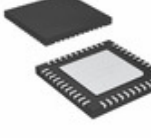
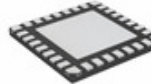
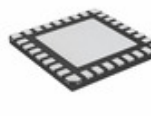
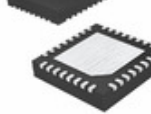
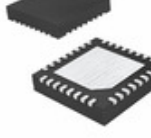
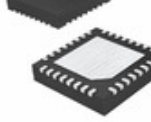
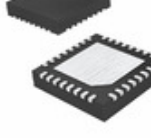
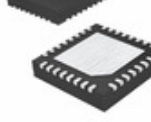
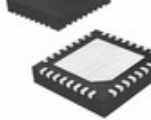
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	DSPIC33EP16GS502-I/MX	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 16KB FLASH 28UQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	31141 pcs	Data sheet	dsPIC33EPxxGS50x Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	28-UQFN (6x6)	Speed	70 MIPs
Series	dsPIC™ 33EP	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tube
Package / Case	28-UQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	21
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 70 MIPs 16KB (16K x 8) FLASH 28-UQFN (6x6)
Data Converters	A/D 12x12b, D/A 1x12b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	I²C, IrDA, LINbus, SPI, UART/USART
Base Part Number	DSPIC33EP16GS502		
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	Part#: DSPIC33EP16GS502-E/2N Description: IC MCU 16BIT 16KB FLASH 28UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP16GS502-E/MX Description: IC MCU 16BIT 16KB FLASH 28UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP16GS502-E/SO Description: IC MCU 16BIT 16KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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